

WHAT IS CLAIMED IS:

1. A television receiver, comprising:

(a) a selector for receiving television broadcasting signals;

(b) the selector selecting one of the television broadcasting signals;

5 (c) a display element for displaying a video based on a video signal of the television  
broadcasting signal selected by said selector;

(d) a storage device for storing program selection information to be used to control said  
selector and channel numbers in a coordinated relationship and storing program-relating  
information

10 (e) said program-related information to be used for execution of object processing  
programs and the channel numbers in a coordinated relationship;

(f) an acceptance device for accepting a selective input of a channel number from a user;

(g) a readout device for reading out information corresponding to the channel number  
accepted by said acceptance device from said storage device;

15 (h) a selection control device for controlling, when the information read out by said  
readout device is the program selection information, said selection device based on the program  
selection information; and

(i) a program execution device for executing, when the information read out by said  
readout device is the program-relating information, a program in response to the program-  
20 relating information.

2. The television receiver according to claim 1, wherein said acceptance device includes channel up/down keys for accepting selective inputs of the channel number in forward and reverse directions, respectively.

3. The television receiver according to claim 1, wherein the program-relating  
5 information coordinated with at least one of the channel numbers relates to a processing program which can be executed by said television receiver itself.

4. The television receiver according to claim 1, further comprising a communication device for connecting said television receiver to a communication network, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a  
10 program to be executed to allow at least said television receiver to transmit or receive information through said communication device.

5. The television receiver according to claim 1, further comprising communication device for connecting said television receiver to a communication network, and received information storage device for storing received information received through said  
15 communication device, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least display information of the received information stored in said received information storage device to be displayed on said display element.

6. The television receiver according to claim 1, further comprising communication  
20 device for connecting said television receiver to a communication network, and transmission information storage device for storing transmission information to be transmitted through said communication device, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least display

information of the transmission information stored in said transmission information storage device to be displayed on said display element.

7. The television receiver according to claim 1, further comprising display information storage device for storing display information to be displayed on said display element, and  
5 wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least a video corresponding to the display information stored in said display information storage device to be displayed on said display element.

8. The television receiver according to claim 1, further comprising: instruction input  
10 acceptance device for accepting a display instruction input of a list of the information stored in said storage device; and list display signal formation device for forming, when an instruction to display the list is accepted by said instruction input acceptance device, a displaying signal for displaying the list of the information stored in said storage device on said display element.

9. The television receiver according to claim 8, further comprising touched position  
15 detection device provided on a display screen of said display element for detecting a touched position of said display screen touched by a user, and wherein said readout device uses a channel number corresponding to a display item of the list displayed at the touched position of said display screen detected by said touched position detection device as a channel number selected by the user.

20 10. A television receiver according to claim 1, wherein said program execution device executes the program from a process which was being executed upon switching from a channel number to which the program is allocated to another channel number.

11. A receiver, comprising:

(a) a selector for receiving broadcasted signals and selecting one of the broadcasted signals;

5 (b) a signal outputting device for outputting a displaying signal of the broadcasted signal selected by said selector;

(c) a storage device for storing program selection information to be used to control said selector and channel numbers in a coordinated relationship and storing program-relating information to be used for execution of object processing programs and the channel numbers in a coordinated relationship;

10 (d) an acceptance device for accepting a selective input of a channel number from a user;

(e) a readout device for reading out information corresponding to the channel number accepted by said acceptance device from said storage device;

15 (f) a selection control device for controlling, when the information read out by said readout device is the program selection information, said selector based on the program selection information; and

(g) a program execution device for executing, when the information read out by said readout device is the program-relating information, a program in response to the program-relating information.

20 12. The receiver according to claim 11, wherein said acceptance device includes channel up/down keys for accepting selective inputs of the channel number in forward and reverse directions, respectively.

13. The receiver according to claim 11, wherein the program-relating information coordinated with at least one of the channel numbers relates to a processing program which can be executed by said receiver itself.

14. The receiver according to claim 11, further comprising a communication device for connecting said receiver to a communication network, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to allow at least said receiver to transmit or receive information through said communication device.

15. The receiver according to claim 11, further comprising a communication device for connecting said receiver to a communication network, and received information storage device for storing received information received through said communication device, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause a displaying signal corresponding to at least display information of the received information stored in said received information storage devices to be outputted from said signal outputting device.

16. The receiver according to claim 11, further comprising a communication device for connecting said receiver to a communication network, and transmission information storage device for storing transmission information to be transmitted through said communication device, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause a displaying signal corresponding to at least display information of the transmission information stored in said transmission information storage device to be outputted from said signal outputting device.

17. The receiver according to claim 11, further comprising display information storage device for storing display information to be displayed on a display element, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program for causing a displaying signal at least corresponding to the display information stored in said display information storage device to be outputted from said outputting device.

18. The receiver according to claim 11, further comprising: an instruction input acceptance device for accepting a display instruction input of a list of the information stored in said storage device; and list display signal formation device for forming, when an instruction to display the list is accepted by said instruction input acceptance device, a displaying signal for displaying the list of the information stored in said storage device and allowing the displaying signal to be outputted from said signal outputting device.

19. The receiver according to claim 11, wherein said program execution device executes the program from a process which was being executed upon switching from a channel number to which the program is allocated to another channel number.

20. A program execution method performed by an electronic apparatus which has a function of receiving broadcasting signals and selecting one of the broadcasting signals, comprising the steps of:

(a) storing program selection information to be used to control channel selection and channel numbers in a coordinated relationship and program-relating information to be used for execution of object processing programs and the channel numbers being stored in a coordinated relationship in a predetermined memory of said electronic apparatus;

(b) accepting a selective input of a channel number from a user;

(c) reading out information corresponding to the channel number accepted in the acceptance step from said predetermined memory;

(d) controlling, when the information read out in the readout step is the program selection information, the channel selection based on the program selection information; and

5 (e) executing, when the information read out in the readout step is the program-relating information, a program in response to the program-relating information.

21. The program execution method according to claim 20, wherein, in the step of accepting, selective inputs of the channel number are accepted successively in a forward or reverse direction of the channel number.

10 22. The program execution method according to claim 20, wherein the program-relating information coordinated with at least one of the channel numbers relates to a processing program which can be executed by said receiver itself.

23. The program execution method according to claim 20, wherein said electronic apparatus includes a communication section for connecting said electronic apparatus to a  
15 communication network, and wherein the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to allow at least said electronic apparatus to transmit or receive information through said communication section.

24. The program execution method according to claim 20, wherein said electronic apparatus includes a communication section for connecting said electronic apparatus to a  
20 communication network, and a received information memory for storing received information received through said communication section, and the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least the received information stored in said received information memory to be outputted.

25. The program execution method according to claim 20, wherein said electronic apparatus includes a communication section for connecting said electronic apparatus to a communication network, and a transmission information memory for storing transmission information to be transmitted through said communication section, and the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least the transmission information stored in said transmission information memory to be outputted.

26. The program execution method according to claim 20, wherein said electronic apparatus includes a display information memory for storing display information, and the program-relating information coordinated with at least one of the channel numbers relates to a program to be executed to cause at least the display information stored in said display information memory to be outputted.

27. The program execution method according to claim 20, further comprising the steps of:

(a) accepting a display instruction input of a list of the information stored in said predetermined memory; and

(b) forming, when an instruction to display the list is accepted in said instruction input acceptance step, a displaying signal for displaying a list of the information stored in said memory on a display element.

28. The program execution method according to claim 27, wherein said electronic apparatus includes a display element and touched position detection device provided on a display screen of said display element for detecting a touched position of the display screen touched by a user, said program execution method further comprising an operation input acceptance step of



accepting an operation input from a user through said touched position detection device, a channel number which corresponds to a display item of the list displayed at the touched position of the display screen accepted in the instruction input acceptance step being used as a channel number selected by the user.

- 5           29. The program execution method according to claim 20, wherein, in the program execution step, the program is executed from a process which was being executed upon switching from a channel number to which the program is allocated to another channel number.

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